

Notice of Allowability

Application No.

10/735,422

Examiner

Apu M. Mofiz

Applicant(s)

SAGHBINI ET AL.

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/14/2006.
2. ☒ The allowed claim(s) is/are 1-5,8,11-16,19,22-27,30,33 and 34.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date hereto.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Handwritten signature: Apu Mofiz
Handwritten text: Primary Examiner
Handwritten initials: TC 2100

DETAILED ACTION

EXAMINER'S AMENDMENT

1. Authorization for Examiner's Amendment was given by Faustino A. Lichauco in a telephone interview on 10-18-2006.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. The application has been amended as follows:

1. (Currently Amended) A testing system comprising:

back-end software for interacting with a subject database application, wherein the back-end software includes instructions for causing creation of a test database using a particular subject database application, populating the test database with test data; comparing the test database with a copy of the test database by ascertaining instructions used for populating the test database with test data, and verifying the integrity of the copy of the test database on the basis of the populating instructions;
and

a common user-interface for controlling the interaction of the back-end software with the subject database application, the user-interface being independent of the subject database application

whereby the copy of the test database is verifiable while the test database is unavailable.

2. **(Original)** The testing system of claim 1, wherein the common user-interface comprises an API interface.
3. **(Original)** The testing system of claim 2, wherein the API interface comprises a C language interface.
4. **(Original)** The testing system of claim 1, wherein the common user-interface comprises a command line interface.
5. **(Original)** The testing system of claim 1, wherein the common user-interface comprises a graphical-user interface.
6. **(Cancelled)** ~~The testing system of claim 1, wherein the back-end software includes instructions for causing creation of a test database using a particular subject database application.~~
7. **(Cancelled)** ~~The testing system of claim 6, wherein the back-end software includes instructions for populating the test database with test data.~~
8. **(Currently Amended)** The testing system of claim [6,]1, wherein the back-end software includes instructions for reading test data from [a] the test database.
9. **(Cancelled)** ~~The testing system of claim 7, wherein the back-end software comprises instructions for comparing the test database with a copy of the test database.~~
10. **(Cancelled)** ~~The testing system of claim 9, wherein the instructions for comparing the test database comprise instructions for~~

~~ascertaining instructions used for populating the test database with test data, and~~

~~verifying the integrity of the copy of the test database on the basis of the populating instructions,~~

~~whereby the test database need not be available to verify the copy of the test database.~~

- 11. (Currently Amended)** The testing system of claim [7]1, wherein the back-end software includes instructions for causing a selected portion of the test database to be compared with a copy of the test database.
- 12. (Currently Amended)** A method for testing operation of a test subject with any one of a plurality of subject database applications, the method comprising:
- selecting a subject database application;
 - providing back-end software for causing the test subject to interact with the selected subject database application, the back-end software including instructions for causing creation of a test database using a particular subject database application; instructions for populating the test database with test data; instructions for comparing the test database with a copy of the test database by ascertaining a procedure used for populating the test database with test data, and verifying the integrity of the copy of the test database on the basis of the procedure; and
 - providing a common user-interface for controlling the back-end software, the user-interface being independent of the selected subject database application.
- whereby the copy of the test database is verifiable while the test database is unavailable.
- 13. (Original)** The method of claim 12, wherein providing a common user-interface comprises providing an API interface.
- 14. (Original)** The method of claim 13, wherein providing a common user-interface comprises providing a C language interface.
- 15. (Original)** The method of claim 12, wherein providing a common user-interface comprises providing a command line interface.
- 16. (Original)** The method of claim 12, wherein providing a common user-interface comprises providing a graphical-user interface.

17. (Cancelled) ~~The method of claim 12, wherein providing the back-end software comprises providing instructions for causing creation of a test database using a particular subject database application.~~
18. (Cancelled) ~~The method of claim 17, wherein providing the back-end software comprises providing instructions for populating the test database with test data.~~
19. (Currently Amended) The method of claim [17]12, wherein providing the back-end software comprises providing instructions for reading test data from a test database.
20. (Cancelled) ~~The method of claim 18, wherein providing the back-end software comprises providing instructions for comparing the test database with a copy of the test database.~~
21. (Cancelled) ~~The method of claim 20, wherein providing instructions for comparing the test database with a copy of the test database comprises providing instructions for~~
~~ascertaining a procedure used for populating the test database with test data, and~~
~~verifying the integrity of the copy of the test database on the basis of the procedure,~~
~~whereby the copy of the test database is verifiable while the test database is unavailable.~~
22. (Currently Amended) The method of claim [18]12, wherein providing the back-end software comprises providing instructions for causing a selected portion of the test database to be compared with a copy of the test database.
23. (Currently Amended) A computer-readable medium having encoded thereon software for causing a test subject to interact with [one of] a subject database application selected from a plurality of database applications, the software comprising:
- back-end software for causing the interaction of the test subject with the selected subject database application, the back-end software including instructions for causing creation of a test database using a particular subject database application; the instructions for causing creation of a test database including instructions for

populating the test database with test data, and instructions for comparing the test database with a copy of the test database, the instructions for comparing the test database with a copy of the test database including instructions for ascertaining a procedure used for populating the test database with test data, and for verifying the integrity of the copy of the test database on the basis of the identified procedure; and

a common user-interface for controlling the interaction of any one of the back-end modules, the common user-interface being independent of the subject database application.

whereby the copy of the test database is verifiable while the test database is unavailable.

24. (Original) The computer-readable medium of claim 23, wherein the instructions for providing a common user-interface comprise instructions for providing an API interface.
25. (Original) The computer-readable medium of claim 24, wherein the instructions for providing a common user-interface comprise instructions for providing a C language interface.
26. (Original) The computer-readable medium of claim 23, wherein the instructions for providing a common user-interface comprise instructions for providing a command line interface.
27. (Original) The computer-readable medium of claim 23, wherein the instructions for providing a common user-interface comprise instructions for providing a graphical-user interface.
28. (Cancelled) ~~The computer-readable medium of claim 23, wherein the back-end software comprises instructions for causing creation of a test database using a particular subject database application.~~

29. (Cancelled) ~~The computer-readable medium of claim 28, wherein the instructions for causing creation of a test database comprise instructions for populating the test database with test data.~~
30. (Currently Amended) The computer-readable medium of claim 23 [28], wherein the back-end software comprises instructions for reading test data from a test database.
31. (Cancelled) ~~The computer-readable medium of claim 29, wherein the back-end software comprises instructions for comparing the test database with a copy of the test database.~~
32. (Cancelled) ~~The computer-readable medium of claim 31, wherein the back-end software comprises instructions for comparing the test database with a copy of the test database by ascertaining a procedure used for populating the test database with test data, and verifying the integrity of the copy of the test database on the basis of the identified procedure, whereby the copy of the test database is verifiable while test database is unavailable.~~
33. (Currently Amended) The computer-readable medium of claim 23 [29], wherein the back-end software comprises instructions for providing instructions for causing a selected portion of the test database to be compared with a copy of the test database.
34. (Currently Amended) A system for testing the interaction of a test subject with a subject database application, the system comprising:
- database specific back-end software for interacting with a database application, the back-end software including instructions for causing creation of a test database using a particular subject database application; the instructions for causing creation of a test database including instructions for populating the test database with test data, and instructions for comparing the test database with a copy of the test database, the instructions for comparing the test database with a copy of the test database

including instructions for ascertaining a procedure used for populating the test database with test data, and for verifying the integrity of the copy of the test database on the basis of the identified procedure; and

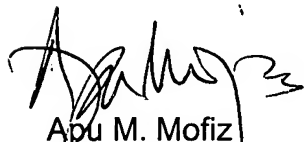
database neutral front-end software for controlling the back-end software, the front-end software being independent of the subject database application.

Points of Contact

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Apu M. Mofiz whose telephone number is (571) 272-4080. The examiner can normally be reached on Monday – Thursday 8:00 A.M. to 4:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached at (571) 272-4146. The fax numbers for the group is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.



Apu M. Mofiz
Primary Patent Examiner
Technology Center 2100

October 25, 2006